PATENT NUMBER and ISSUE DATE

| APPL NUM                                                                                                                | FILING DATE                                                                       | CLASS                | SUBCLASS                 | GAU          |                          | EXAMINE                                                                | R.                       | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| 10014507                                                                                                                | 12/14/2001                                                                        | 438                  | 34                       | 2827<br>2842 | Sel                      |                                                                        | Z.V                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| APPLICANT                                                                                                               | S: Tsukiji                                                                        | Naoki; Irin          | o Satoshi;               | Λ.           | T. 615                   |                                                                        |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| NIUNITRO                                                                                                                | G DATA VERIFIE                                                                    | D:                   | (De                      |              |                          |                                                                        |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| FOREIGN A                                                                                                               | APPLICATIONS V                                                                    | ERIFIED:             | V.                       |              |                          |                                                                        |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                         | APPLICATIONS V<br>206994 07/06/200                                                |                      | \\ \                     | , e          |                          |                                                                        |                          | A SAME OF THE PARTY OF THE PART |
|                                                                                                                         |                                                                                   |                      | \L.                      |              |                          |                                                                        |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PAN 2001-1                                                                                                              | 206994 07/06/200                                                                  | 1                    | PESC!                    | ND 🔲         |                          |                                                                        |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PAN 2001-:<br>5-PUB DO I                                                                                                | 206994 07/06/200 <sup>-</sup>                                                     | 1                    | RESCI                    | ND 🗖         | ATTO                     | DRNEY DOCKE                                                            | ET NO                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PAN 2001-1<br>S-PUS DO I<br>eign priority cla<br>USC 119 cond                                                           | 205994 07/06/2001 NOT PUBLISH intending                                           | 1 Je                 | <del>,</del>             | , c          | .                        | DRNEY DOCKE                                                            | ET NO                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PAN 2001-1<br>S-PUB DC I<br>eign priority cla<br>USC 119 cond<br>ii'ed and Ackno<br>LE: Methor                          | NOT PUBLISH timed itions met owledged Examiners's d of manufacturing              | 1<br>□ √e<br>□ √e    | s ⊿ no<br>s ⊐ no         |              | 2141                     | 44US8                                                                  |                          | ıred                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PAN 2001-1<br>6-PUB DC I<br>eign priority cla<br>USC 119 cond<br>ired and Acknot<br>LE: Method                          | NOT PUBLISH timed itions met owledged Examiners's d of manufacturing              | 1<br>□ √e<br>□ √e    | s ⊿ no<br>s ⊐ no         |              | 2141<br>emicond          | 44US8                                                                  | nanufactu                | i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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